

PA-IEC-LNB162Q.R001



Dimensions

Length	37.5mm	±1mm
Width	37.5mm	±1mm
Height	71mm	±2mm



IEC 62133 2nd Ed.

Data for Pack

Nominal voltage		7.2V	5V - 8.4V
Nominal capacity		6700mAh	typical (6400mAh minimum)
Used cell in pack		4pcs	Panasonic NCR-18650BF
Internal resistance pack		100mΩ	±10%
Max charge voltage		8.4V	max (recommended charging voltage 8.2V for longer cycle life)
Charge current	max	3250mA	10°C < T < 45°C
	standard	1625mA	-20°C < T < 60°C ^{*1)}
	max cont.	5000mA	-20°C < T < 60°C ^{*1)} (limited by connector)
	max peak	7000mA	-20°C < T < 60°C t < 9ms ^{*1)}
NTC		10kΩ	Tolerance ±3%; B-value 25°C/85°C = 3980K
Connector	Molex	Microfit 3.0 43645-0300	Pin1 VBAT+ Red
			Pin2 NTC Yellow
			Pin3 GND Black
Cable Length		142mm	±5mm
Weight		ca. 195g	±10g
Watt-hour rating		48Wh	acc. to UN38.3 Certificate

^{*1)} discharge in ambient temperatures lower than 0°C will result in limited performance in current output and usable capacity

Limitations by Safety Unit (SU) @ Ta 25°C

Over voltage (per cell)	cut off	4.210V	±0.025V
	release	4.000V	±0.050V
Under voltage (per cell)	cut off	2.400V	±0.080V
	release	2.900V	±0.100V
Current Limit by SU		>8A	<2.5ms
Short circuit protection		Yes	Implemented in Safety Unit
Power consumption	active	15μA	±5μA
	power down	3μA	±2μA (power down when U < UnderVoltage Cut off)

Recommended Charger

C-LIO-2SN15-1,8M-DIN4--PNG.R001